

~~Mary Kung~~

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**RAW SEQUENCE LISTING
PATENT APPLICATION US/09/610,551**

DATE: 02/20/2001
TIME: 23:42:53

INPUT SET: S36408.raw

153

This Raw Listing contains the General Information Section and up to the first 5 pages.

SEQUENCE LISTING

3 (1) General Information:

ENTERED

(ii) TITLE OF INVENTION: METHODS FOR PRODUCING ANTIBODY LIBRARIES
USING UNIVERSAL OR RANDOMIZED IMMUNOGLOBULIN LIGHT CHAINS

12 (iii) NUMBER OF SEQUENCES: 70

14 (iv) CORRESPONDENCE ADDRESS:
15 (A) ADDRESSEE: The Scripps Research Institute
16 (B) STREET: 10666 North Torrey Pines Road, TPC8
17 (C) CITY: La Jolla
18 (D) STATE: CA
19 (E) COUNTRY: USA
20 (F) ZIP: 92037

22 (v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

28 (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/610,551
(B) FILING DATE:
(C) CLASSIFICATION:

33 (vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/300,386
(B) FILING DATE:

37 (vii) PRIOR APPLICATION DATA:

38 (A) APPLICATION NUMBER: US 07/826,623
39 (B) FILING DATE: 27-JAN-1992

41 (vii) PRIOR APPLICATION DATA:

42 (A) APPLICATION NUMBER: US 07/954,148
43 (B) FILING DATE: 30-SEP-1992

45 (vii) PRIOR APPLICATION DATA:

46 (A) APPLICATION NUMBER: US 08/012,566

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47 (B) FILING DATE: 02-FEB-1993
48
49 (viii) ATTORNEY/AGENT INFORMATION:
50 (A) NAME: Fitting, Thomas
51 (B) REGISTRATION NUMBER: 34,163
52 (C) REFERENCE/DOCKET NUMBER: TSRI 409.1
53

54 (ix) TELECOMMUNICATION INFORMATION:
55 (A) TELEPHONE: 619-554-2937
56 (B) TELEFAX: 619-554-6312

59 (2) INFORMATION FOR SEQ ID NO:1:

61 (i) SEQUENCE CHARACTERISTICS:
62 (A) LENGTH: 687 base pairs
63 (B) TYPE: nucleic acid
64 (C) STRANDEDNESS: single
65 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

69 (iii) HYPOTHETICAL: NO

71 (iv) ANTI-SENSE: NO

75 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

77	CTCGAGCAGT CTGGGGCTGA GGTGAAGAAG CCTGGGTCCT CGGTGAAGGT CTCCTGCAGG	60
78	GCTTCTGGAG GCACCTCAA CAATTATGCC ATCAGCTGGG TGCGACAGGC CCCTGGACAA	120
79	GGGCTTGAGT GGATGGGAGG GATCTTCCCT TTCCGTAATA CAGCAAAGTA CGCACAAACAC	180
80	TTCCAGGGCA GAGTCACCAC TACCGCGGAC GAATCCACGG GCACAGCCTA CATGGAGCTG	240
81	AGCAGCCTGA GATCTGAGGA CACGGCCATA TATTATTGTG CGAGAGGGGA TACGATTTT	300
82	GGAGTGACCA TGGGATACTA CGCTATGGAC GTCTGGGCC AAGGGACCAC GGTCACCGTC	360
83	TCCGCAGCCT CCACCAAGGG CCCATCGGTC TTCCCCCTGG CACCCTCCTC CAAGAGCACC	420
84	TCTGGGGCA CAGCGGCCCT GGGCTGCCTG GTCAAGGACT ACTTCCCCGA ACCGGTGACG	480
85	GTGTCGTGGA ACTCAGGCAGC CCTGACCAGC GGCGTGCACA CCTTCCCGGC TGTCCCTACAG	540
86	TCCTCAGGAC TCTACTCCCT CAGCAGCGTG GTGACCGTGC CCTCCAGCAG CTTGGGCACC	600
87	CAGACCTACA TCTGCAACGT GAATCACAAG CCCAGCAACA CCAAGGTGGA CAAGAAAGCA	660
88	GAGCCCAAAT CTTGTGACAA AACTAGT	687

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100
101 (2) INFORMATION FOR SEQ ID NO:2:
102
103 (i) SEQUENCE CHARACTERISTICS:
104 (A) LENGTH: 646 base pairs
105 (B) TYPE: nucleic acid
106 (C) STRANDEDNESS: single
107 (D) TOPOLOGY: linear
108
109 (ii) MOLECULE TYPE: cDNA
110
111 (iii) HYPOTHETICAL: NO
112
113 (iv) ANTI-SENSE: NO
114
115
116
117 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
118

119 GAGCTCACGC AGTCTCCAGG CACCCTGTCT TTGTCTCCAG GGGAAAGAGC CACCCCTCTCC 60
120 TGCAGGGCCA GTCACAGTGT TAGCAGGGCC TACTTAGCCT GGTACCAGCA GAAACCTGGC 120
121 CAGGCTCCC GGCTCCTCAT CTATGGTACA TCCAGCAGGG CCACTGGCAT CCCAGACAGG 180
122 TCCAGTGGCA GTGGGTCTGG GACAGACTTC ACTCTCACCA TCAGCAGACT GGAGCCTGAA 240
123 GATTTCAG TGTACTACTG TCAGCAGTAT GGTGGCTCAC CGTGGTTCGG CCAAGGGACC 300
124 AAGGTGGAAC TCAAACGAAC TGTGGCTGCA CCATCTGTCT TCATCTTCCC GCCATCTGAT 360
125 GAGCAGTTGA AATCTGGAAC TGCCTCTGTT GTGTGCCTGC TGAATAACTT CTATCCCAGA 420
126 GAGGCCAAAG TACAGTGGAA GGTGGATAAC GCCCTCCAAT CGGGTAACTC CCAGGAGAGT 480
127 GTCACAGAGC AGGACAGCAA GGACAGCACC TACAGCCTCA GCAGCACCCCT GACGCTGAGC 540
128 AAAGCAGACT ACGAGAAACA CAAAGTCTAC GCCTGCGAAG TCACCCATCA GGGCCTGAGT 600
129 TCGCCCGTCA CAAAGAGCTT CAACAGGGGA GAGTGTAAAT TCTAGA 646
130
131 (2) INFORMATION FOR SEQ ID NO:3:
132
133 (i) SEQUENCE CHARACTERISTICS:
134 (A) LENGTH: 21 base pairs
135 (B) TYPE: nucleic acid
136 (C) STRANDEDNESS: single
137 (D) TOPOLOGY: linear
138
139 (ii) MOLECULE TYPE: cDNA
140
141 (iii) HYPOTHETICAL: NO
142

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153 (iv) ANTI-SENSE: NO
154
155
156
157 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
158

159 GAATTCTAAA CTAGCTAGTC G
160
161 (2) INFORMATION FOR SEQ ID NO:4:
162

163 (i) SEQUENCE CHARACTERISTICS:
164 (A) LENGTH: 21 base pairs
165 (B) TYPE: nucleic acid
166 (C) STRANDEDNESS: single
167 (D) TOPOLOGY: linear
168

169 (ii) MOLECULE TYPE: cDNA
170

171 (iii) HYPOTHETICAL: NO
172
173 (iv) ANTI-SENSE: NO
174
175
176

177 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
178

179 ATACTGCTGA CAGTAATACA C
180
181 (2) INFORMATION FOR SEQ ID NO:5:
182

183 (i) SEQUENCE CHARACTERISTICS:
184 (A) LENGTH: 57 base pairs
185 (B) TYPE: nucleic acid
186 (C) STRANDEDNESS: single
187 (D) TOPOLOGY: linear
188

189 (ii) MOLECULE TYPE: cDNA
190

191 (iii) HYPOTHETICAL: NO
192
193 (iv) ANTI-SENSE: NO
194
195
196

197 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
198

199 TATTACTGTC AGCAGTATNN KNNKNNKNNK ACTTTGGCG GAGGGACCAA GGTGGAG
200
201 (2) INFORMATION FOR SEQ ID NO:6:
202

203 (i) SEQUENCE CHARACTERISTICS:
204 (A) LENGTH: 21 base pairs
205 (B) TYPE: nucleic acid

21

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206 (C) STRANDEDNESS: single
207 (D) TOPOLOGY: linear
208
209 (ii) MOLECULE TYPE: cDNA
210
211 (iii) HYPOTHETICAL: NO
212
213 (iv) ANTI-SENSE: NO
214
215
216
217 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
218
219 AATACGACTC ACTATAGGGC G
220
221 (2) INFORMATION FOR SEQ ID NO:7:
222
223 (i) SEQUENCE CHARACTERISTICS:
224 (A) LENGTH: 48 base pairs
225 (B) TYPE: nucleic acid
226 (C) STRANDEDNESS: single
227 (D) TOPOLOGY: linear
228
229 (ii) MOLECULE TYPE: cDNA
230
231 (iii) HYPOTHETICAL: NO
232
233 (iv) ANTI-SENSE: NO
234
235
236
237 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
238
239 TATTACTGTC AGCAGTATNN KNNKNNKNNK ACTTTCGGCG GAGGGACC
240
241 (2) INFORMATION FOR SEQ ID NO:8:
242
243 (i) SEQUENCE CHARACTERISTICS:
244 (A) LENGTH: 60 base pairs
245 (B) TYPE: nucleic acid
246 (C) STRANDEDNESS: single
247 (D) TOPOLOGY: linear
248
249 (ii) MOLECULE TYPE: cDNA
250
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(iii) HYPOTHETICAL: NO

252

253 (iv) ANTI-SENSE: NO

254

255

256

257 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:

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**SEQUENCE VERIFICATION REPORT
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**SEQUENCE MISSING ITEM REPORT
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< < THERE ARE NO ITEMS MISSING > >

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**SEQUENCE CORRECTION REPORT
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